

DERWENT-ACC-NO: 1987-176694

DERWENT-WEEK: 198725

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TITLE: Water wave-operated power generator - has floats
connected by cable round pulleys which move roller to
and
fro on elastic pipe

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PATENT-ASSIGNEE: BASHKIR AGRIC INST[BASHR]

PRIORITY-DATA: 1985SU-3912908 (June 18, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
SU 1268789 A	November 7, 1986	N/A	002
N/A			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
SU 1268789A	N/A	1985SU-3912908
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INT-CL (IPC): F03B013/12

ABSTRACTED-PUB-NO: SU 1268789A

BASIC-ABSTRACT:

The generator consists of a support which is submerged below the level of the water and has on it an horizontal elastic pipe, a roller in contact with the pipe, and a wave energy converter.

The generator is equipped with floats (5), connected by a cable and pulleys to the roller, which is able to move to and fro on the elastic pipe. The roller can be in the form of a drum which interacts with the cable and has gears on its ends meshing with toothed racks on the support. It can also have end journals which travel along horizontal guides (18). As the floats move up and down they make the roller travel to and fro over the pipe, forcing liquid inside it to pass through the converter (4) and generate power.

ADVANTAGE - Increased capacity. Bul.41/7.11.86.

CHOSEN-DRAWING: Dwg.1/2

TITLE-TERMS: WATER WAVE OPERATE POWER GENERATOR
FLOAT CONNECT CABLE ROUND
PULLEY MOVE ROLL ELASTIC PIPE

DERWENT-CLASS: Q55 X15

EPI-CODES: X15-C01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1987-132547

